Supplement data

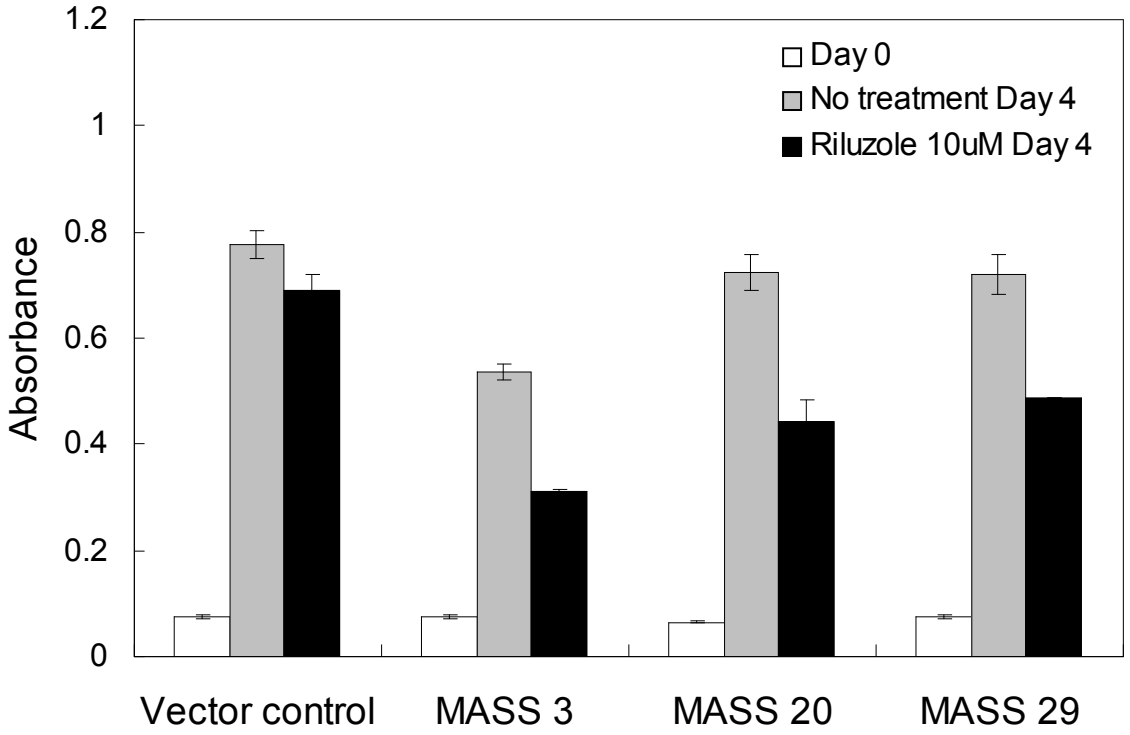

Figure S1. MTT cell proliferation assays of MASS clones and vector control in the presence of aninhibitor of glutamate release, Riluzole (10μM), for 4 days. Only proliferation of MASS clones was suppressed by Riluzole treatment and not vector control.

Supplement data

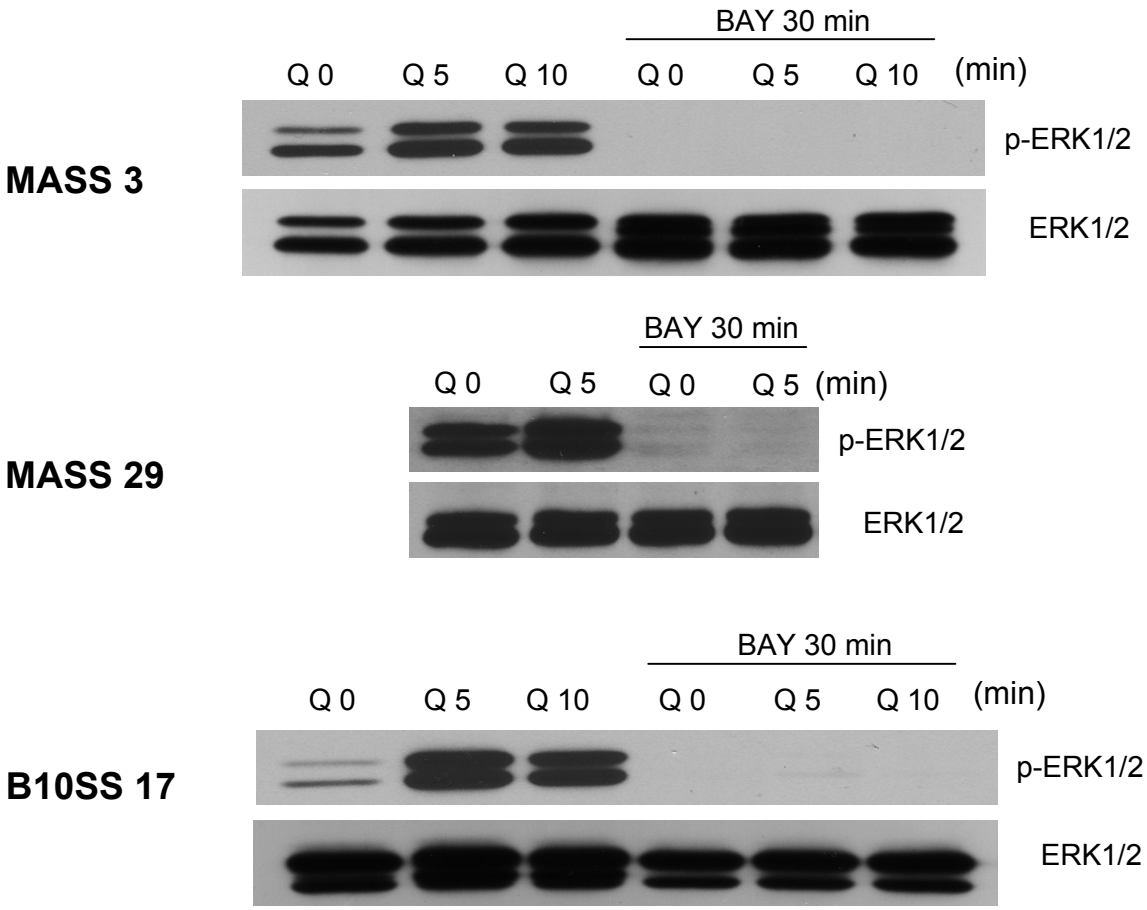

Figure S2. Western immunoblots of MASS/B10SS clones. MASS clones were stimulated by 10μM ofGrm1 agonist, L-quisqualate (Q), for given time points. As indicated, ERK is activated in MASS clonesafter 5min by Q. Preincubation of these cells with Grm1 antagonist, BAY36-7620 (10μM) followed by Q abolished the ability to activate ERK by Q, suggesting the specificity of Grm1 for ERK activation in MASS/B10BR clones.

Supplement data

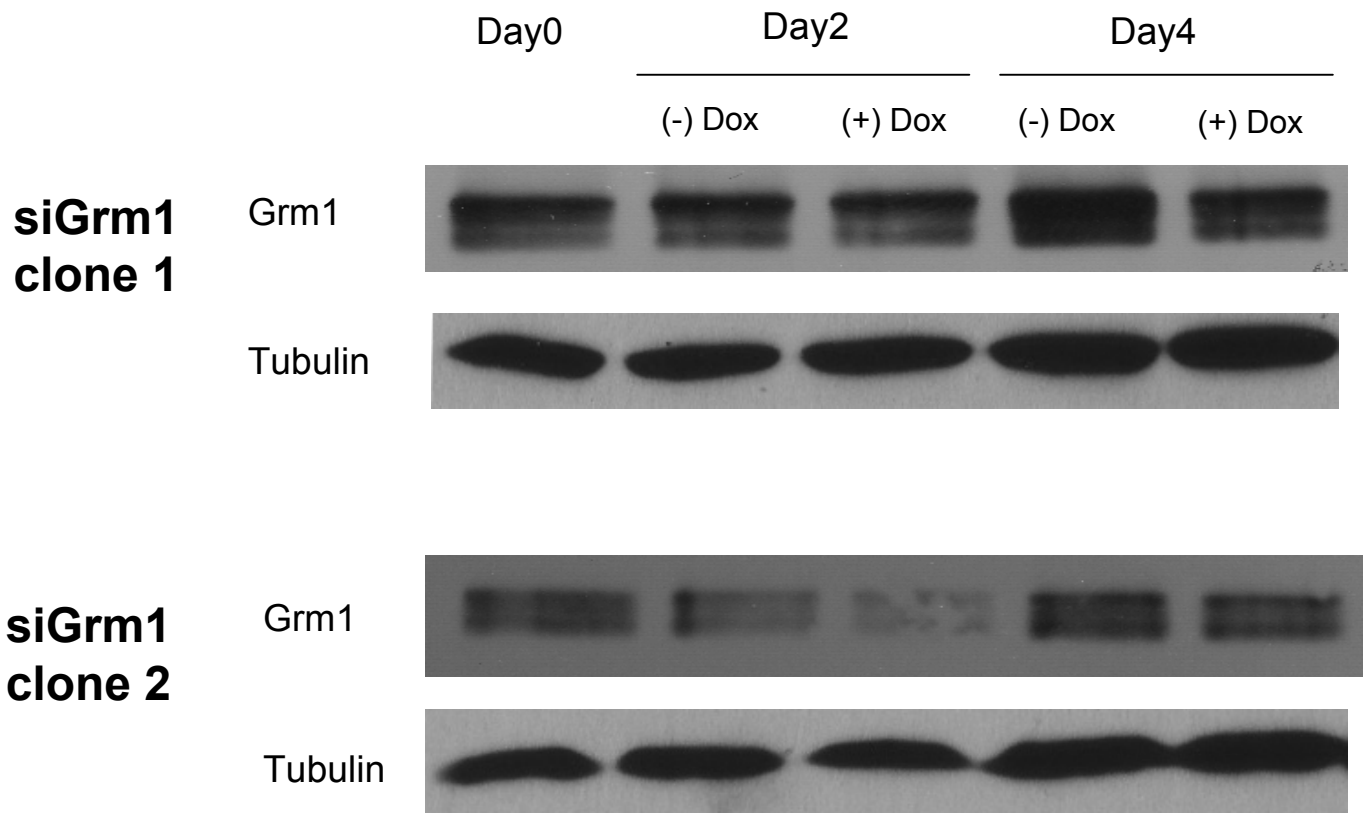

Figure S3. Western immunoblots of inducible siGrm1 clones for suppression of Grm1 expression by the treatment of the inducer, doxycycline. siGrm1 clones were grown in the presence or absence of doxycycline for the indicated time points. After 4 days, suppression of Grm1 by doxycycline (2ug/ml) was detected. As a loading control, α-tubulin was used.